

CLAIMS

What is claimed is:

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1. An electronic device, comprising:
a display showing an image; and,

5 a navigation sensor, whereby a movement of said electronic device is sensed
by said navigation sensor and said movement includes moving said
display and said movement produces a change in said image that is
showing on said display.

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2. The electronic device of claim 1 wherein said change comprises at least
moving a cursor.

3. The electronic device of claim 1 wherein said change comprises at least
panning at least part of said image that is showing on said display.

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4. The electronic device of claim 1 wherein said change comprises at least
scrolling at least part of said image that is showing on said display.

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5. The electronic device of claim 1 wherein said change comprises at least
navigating at least part of said image that is showing on said display.

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6. The electronic device of claim 1 further comprising:
a first button, whereby said movement of said electronic device and said first
button may be operated in cooperation to mimic at least one function
of a computer mouse being used with a graphical user interface.

7. The electronic device of claim 6 further comprising:
a second button, whereby said movement of said electronic device, said first
button, and said second button may be operated in cooperation to
mimic more than one function of a computer mouse being used with a
5 graphical user interface.

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10 8. An electronic device, comprising:
a display;
a navigation sensor coupled to said display whereby said navigation sensor
detects a movement of said electronic device that includes movement
of said display and an image displayed on said display is altered in
15 response to said movement.

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9. The electronic device of claim 8 wherein said image displayed on said
display is altered in response to said movement by moving an image of
a cursor.

20 10. The electronic device of claim 8 wherein said image displayed on said
display is altered in response to said movement by panning a second
image displayed on at least part of said display.

11. The electronic device of claim 8 wherein said image displayed on said display is altered in response to said movement by scrolling a second image displayed on at least part of said display.

5 12. The electronic device of claim 8 wherein said image displayed on said display is altered in response to said movement by showing a different part of a second image part of which is displayed on at least part of said display.

10 13. The electronic device of claim 8 further comprising:
a first button, whereby said movement of said electronic device and said first button may be operated in cooperation to mimic at least one function of a computer mouse being used with a graphical user interface.

15 14. The electronic device of claim 13 wherein a graphical user interface is being displayed on said display.

15. The electronic device of claim 13 further comprising:
a second button, whereby said movement of said electronic device, said first button, and said second button may be operated in cooperation to mimic more than one function of a computer mouse being used with a graphical user interface.

20 25 16. The electronic device of claim 15 wherein a graphical user interface is being displayed on said display.

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17. A method of manipulating an image displayed by a device on a display, comprising:
~~moving the entire device including said display.~~

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18. The method of claim 17, further comprising:
moving a cursor displayed on said display.

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19. The method of claim 17, further comprising:
scrolling at least part of said image displayed on said display.

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20. The method of claim 17, further comprising:
panning at least part of said image displayed on said display.

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21. The method of claim 17, further comprising:
showing a different part of a second image at least part of which is displayed
on said display.

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22. A method of manipulating an image displayed on a display, comprising:
detecting a movement of a device that includes said display; and,
altering said image in response to said movement.

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23. The method of claim 22, further comprising:
moving a cursor displayed on said display.

24. The method of claim 22, further comprising:

scrolling at least part of said image displayed on said display.

25. The method of claim 22, further comprising:

5 panning at least part of said image displayed on said display.

26. The method of claim 22, further comprising:

showing a different part of a second image at least part of which is displayed
on said display.

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27. ~~An electronic scanning device, comprising~~

an image sensor for scanning an image,
a display that displays a first part of a scanned version of said image,
a navigation sensor that detects relative movement between said scanning
15 device and a surface whereby said relative movement changes said
display to displaying a second part of said scanned version of said
image.

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28. The electronic scanning device of claim 27 wherein said relative

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movement may also move a cursor displayed on said display.

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29. The electronic scanning device of claim 27 wherein said second part of
said scanned version of said image is a scrolled in relation to said first
part of said scanned version of said image.

30. The electronic scanning device of claim 27 wherein said second part of said scanned version of said image is a panned in relation to said first part of said scanned version of said image.

5 31. The electronic scanning device of claim 27 wherein said second part of said scanned version of said image is displaced in two directions in relation to said first part of said scanned version of said image.

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32. ~~A method of previewing a scanned image, comprising:~~
displaying a first part of a scanned image;
displaying a second part of said scanned image in response to relative movement between a scanning device and a surface.

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33. The method of claim 32 wherein said second part of said scanned image is scrolled in relation to said first part of said scanned image.

34. The method of claim 32 wherein said second part of said scanned image is panned in relation to said first part of said scanned image.

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35. The method of claim 32 wherein said second part of said scanned image is displaced in two directions in relation to said first part of said scanned image.

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36. ~~An electronic device, comprising:~~
~~a display showing an image; and,~~

~~a navigation sensor, whereby a movement of a part of a user is sensed by said navigation sensor and said movement produces a change in said image that is showing on said display and wherein said movement does not include movement of said device.~~

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37. The electronic device of claim 36 wherein said change comprises at least moving a cursor.

10 38. The electronic device of claim 36 wherein said change comprises at least panning at least part of said image that is showing on said display.

39. The electronic device of claim 36 wherein said change comprises at least scrolling at least part of said image that is showing on said display.

15 40. The electronic device of claim 36 wherein said change comprises at least navigating at least part of said image that is showing on said display.

41. The electronic device of claim 36 further comprising:
a first button, whereby said movement of said part of said user and said first
20 button may be operated in cooperation to mimic at least one function
of a computer mouse being used with a graphical user interface.

42. The electronic device of claim 41 further comprising:
a second button, whereby said movement of said part of said user, said first
25 button, and said second button may be operated in cooperation to

mimic more than one function of a computer mouse being used with a graphical user interface.

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43. An electronic device, comprising:
a display;
a navigation sensor coupled to said display whereby said navigation sensor
detects a movement of a part of a user wherein said movement does
not include movement of said device and an image displayed on said
display is altered in response to said movement.

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44. The electronic device of claim 43 wherein said image displayed on said
display is altered in response to said movement by moving an image of
a cursor.

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45. The electronic device of claim 43 wherein said image displayed on said
display is altered in response to said movement by panning a second
image displayed on at least part of said display.

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46. The electronic device of claim 43 wherein said image displayed on said
display is altered in response to said movement by scrolling a second
image displayed on at least part of said display.

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47. The electronic device of claim 43 wherein said image displayed on said
display is altered in response to said movement by showing a different

part of a second image part of which is displayed on at least part of
said display.

48. The electronic device of claim 43 further comprising:
5 a first button, whereby said movement of said part of said user and said first
button may be operated in cooperation to mimic at least one function
of a computer mouse being used with a graphical user interface.

10 49. The electronic device of claim 48 wherein a graphical user interface is
being displayed on said display.

15 50. The electronic device of claim 48 further comprising:
a second button, whereby said movement of said part of said user, said first
button, and said second button may be operated in cooperation to
mimic more than one function of a computer mouse being used with a
graphical user interface.

20 51. The electronic device of claim 50 wherein a graphical user interface is
being displayed on said display.

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52. A method of manipulating an image displayed by a device on a display,
comprising:
moving a part of a user in front of a navigation sensor wherein said navigation
sensor is on the opposite side of said device as said display.

53. The method of claim 52, further comprising:

moving a cursor displayed on said display.

54. The method of claim 52, further comprising:

scrolling at least part of said image displayed on said display.

55. The method of claim 52, further comprising:

panning at least part of said image displayed on said display.

10 56. The method of claim 52, further comprising:

showing a different part of a second image at least part of which is displayed
on said display.

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